Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 28 Dec 2020 until 23:59 on Tuesday 29 Dec 2020

Forecast Issued on Monday 28 Dec 2020 at 02:10

Confidence: High for cold conditions throughout the period but lower confidence for details regarding snow showers.

Headline for Monday 28 Dec 2020: Dry and cold with some sunshine.

Mountain weather hazards on Monday 28 Dec 2020

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
20%	10%	10%	10%	10%	20%

Forecast for Monday 28 Dec 2020

Weather: Any overnight low cloud and snow soon clearing. Otherwise it be largely dry with some sunshine. Low cloud will become more extensve from the east after dark, perhaps with a snow shower across the far east in the evening.

Chance of cloud free mountain/hill tops above 800m: Some patchy cloud at 300 metres at first, then 700 metres or above, but most summits clear.

Visibility: Mostly very good

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 28 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/20 E	13/16 NE	9/11 NE	11/14 NE	17/20 NE	19/24 NE	20/24 NE
600	13/19 E	8/11 NE	6/9 N	7/10 NE	11/15 NE	12/17 N	13/17 N
300	4/12 E	4/11 NE	4/8 N	4/9 N	5/13 NE	6/15 N	6/14 N
Valley	7/13 NE	6/12 NE	3/7 NE	6/11 NE	9/18 NE	10/19 NE	10/18 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-10	-3/-9	-3/-8	-3/-8	-4/-10	-4/-11	-3/-11
600	-2/-8	-2/-7	-2/-5	-2/-5	-2/-7	-2/-7	-2/-8
300	0/-2	-1/-3	1/-1	0/-2	-1/-4	-0/-3	-0/-3
Valley	2/-1	2/-1	4/2	3/1	2/-1	2/-2	2/-2
Freezing Level*	300m	200m	300m	300m	200m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill over the tops, despite light winds. Fresh lying snow, especially above 200m, and icy areas will add extra difficulty to conditions.

Forecast for Tuesday 29 Dec 2020

Weather: Becoming cloudier overnight with showers perhaps merging to bring a longer spell of sleet and snow, but mostly clearing by morning, then a bright, but rather cloudy start with some sunny spells, but still cold and frosty in places. Clouds tending to build through the morning to bring scattered snow showers, but most of these will be across the northeast of the Park

Maximum wind: Northwest becoming northeast 20 gust 30mph, but 25-30 gust 40mph at times over higher tops, especially in or near showers

Chance of cloud free mountain/hill tops above 800m: 30% overnight with quiet extensive cloud down to 400m, then 70% with more occasional, broken cloud above 500m

Visibility: Good or very good away from showers, but very poor at height at times

Temperature: **Valleys:** Minus 1 C to plus 2 C, with frost persisting in some of the dales throughout the day
At 800m: Minus 4 to minus 6 C
Freezing level: 200 or 300m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 27 December. Location: Helvellyn summit at 14:45. Temperature: minus 3.1degC, Maximum wind speed 28.4mph, Wind chill: minus 13.4degC, Average wind speed: 24.6mph. Full report: Storm Bella swept through the Lake District giving very challenging conditions overnight closely followed by a significant drop in temperature and snow showers down to valley level throughout the day. The high fells are once again in full winter condition and an ice axe and crampons are essential for anyone venturing above 500m even on the easiest routes. Snow is lying above 300m and increases in depth with height up to calf deep with deeper drifts. Above 700m this is overlying patches of refrozen older snow which can catch out the unwary. The new snow is being redeposited onto N through E slopes by a fresh SW wind. Areas above 700m including the Helvellyn Edges and plateau are a mixture of old refrozen & icy snow, fresh snow with small areas of windslab, rime and bare rock. Cornices were beginning to develop above the East Face and should be given a wide berth as they are particular unstable while forming. Exposed turf was frozen but any areas buried under the new snow are still soggy. Full winter clothing and equipment including an ice axe, crampons, warm and waterproof clothing, map & compass, goggles and a headtorch are currently essential to safely enjoy the winter fells.

Issued at: 02:10 on Mon 28 Dec 2020

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